

15992 U.S. PTO  
032304

PATENT APPLICATION  
B05789-AT1

22278 U.S. PTO  
10/809099  
032304

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
PATENT APPLICATION TRANSMITTAL

Mail Stop Patent Application

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Daniel M. Saban  
Timothy R. Cejka  
Robert Scott Downing  
Joshua Krecklow  
Steve Paul

Title: LIQUID-COOLED INDUCTIVE DEVICES WITH INTERSPERSED WINDING LAYERS AND  
DIRECTED COOLANT FLOW

1. Type of Application

This new application is for a

- ☒ utility patent.
- ☐ design patent.

2. Application Papers Enclosed

- Title Page
- 4 Pages of Specification (excluding Claims, Abstract & Drawings)
- 3 Page(s) of Claims
- 1 Page(s) of Abstract
- 4 Sheet(s) of Drawings (Figs. 1 to 10)
- ☐ Formal
- ☒ Informal

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this Patent Application Transmittal and the documents referred to as enclosed therewith are being deposited with the United States Postal Service on 3/25/04, in an envelope addressed to the Commissioner for Patents and Trademarks, P.O. Box 1450, Alexandria, VA 22313 utilizing the "Express Mail Post Office to Addressee" service of the United States Postal Service under Mailing Label No. EO 903 122 379 US

Christine M. Mattingly  
Signature of: Christine M. Mattingly

3. Declaration or Oath and Power of Attorney

☒ Enclosed

☒ Executed by (check all applicable boxes)

☒ Inventor(s)

☐ Legal representative of inventor(s) (37 CFR 1.42 or 1.43)

☐ Joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached.

☐ The petition required by 37 CFR 1.47 and the statement required by 37 CFR 1.47 are enclosed. See Item 5D below for fee.

☐ Not enclosed - the undersigned attorney or agent is authorized to file this application on behalf of the applicant(s). An executed declaration will follow.

**4. Additional Papers Enclosed**

☐ Preliminary Amendment

☐ Information Disclosure Statement and IDS Transmittal Letter

☐ Declaration of Biological Deposit

☐ Computer readable copy of sequence listing containing nucleotide and/or amino acid sequence

☐ Verified statement(s) claiming small entity status under 37 CFR 1.9 and 1.27

☐ Power of Attorney

☐ Verified translation of a non-English patent application

☒ An assignment of the invention and assignment transmittal letter

☐ Certified copy(ies) of application(s):

COUNTRY	APPLICATION NO.	FILED

from which priority under 35 USC 119 is claimed: ☐ is(are) attached.

☐ will follow

☐ Other.

**Filing Fee Calculation (37 CFR 1.16)**

**A. : Utility Application**

CLAIMS AS FILED - INCLUDING PRELIMINARY AMENDMENT (IF ANY)						
			SMALL ENTITY		OTHER THAN A SMALL ENTITY	
	NO. FILED	NO. EXTRA	RATE	FEE	RATE	FEE
BASIC FEE				\$345.00		\$750.00
TOTAL	10-20	= 0	X 9 =	\$	X 18 =	\$000.00
INDEP.	2-3	= 0	X 42 =	\$	X 84 =	\$000.00
9 First Presentation of Multiple Dependent Claim			+ 140 =	\$	+ 280 =	\$000.00
Filing Fee:				\$	OR	\$750.00

**B.**    ☐ **Design Application (\$165.00/\$330.00)**                      Filing Fee: \$ \_\_\_\_\_

**C.**    ☐ **Plant Application (\$260.00/\$520.00)**                      Filing Fee: \$ \_\_\_\_\_

**D. Other Fees**

☒ Recording Assignment [Fee -- **\$40.00** per assignment]                      \$           40.00          

☐ Petition fee for filing by other than all the inventors  
or person on behalf of the inventor where inventor refused  
to sign or cannot be reached [Fee -- **\$130.00**]                      \$ \_\_\_\_\_

☐ Other                      \$ \_\_\_\_\_

**Total Fees Enclosed                      \$           790.00**

**6. Method of Payment of Fees**

- ☐ Check in the amount of: \$
- ☒ Charge Deposit Account No. 08-0385 \$790.00
- A copy of this Transmittal is enclosed.
- ☐ Not enclosed

**7. Deposit Account and Refund Authorization**

The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 or 37 CFR 1.17 which may be required by this paper to Deposit Account No. 08-0385. **A copy of this Transmittal is enclosed.**

Please refund any overpayment to the Hamilton Sundstrand Corporation at the address below.

Please direct all future communications to: Intellectual Property Counsel, at the address below:

Respectfully submitted,

Hamilton Sundstrand Corporation

4747 Harrison Ave.

P.O. Box 7002

Rockford, IL 61125-7002

By: Stephen G. Mican

Stephen G. Mican

Reg. No. 31,983